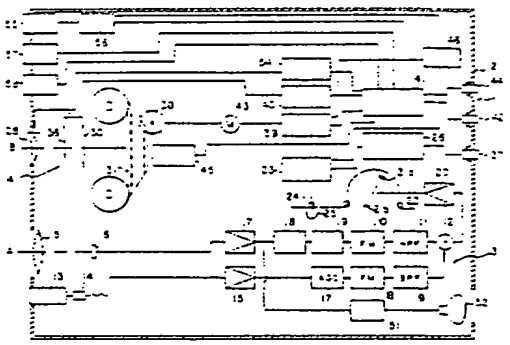
(54) VIDEO CAMERA EQUIPPED WITH STILL CAMERA
(11) 63-157135 (A) (43) 30.6.1988 (19) JP
(21) Appl. No. 61-303851 (22) 22.12.1986
(71) FUJI PHOTO FILM CO LTD (72) TOSHIHARU IIDA(1)
(51) Int. Cl⁴. G03B17/00,H04N5/225

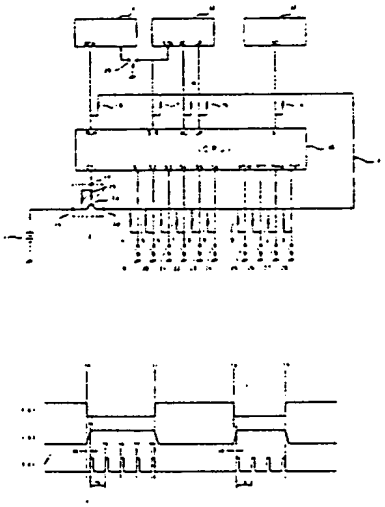


PURPOSE: To eliminate the power shortage at the time of photographing of a movie in a video camera part, by executing a control so that automatic taking-up of a film and charging of a stroboscope means are not executed simultaneously.

CONSTITUTION: Photographing of a movie and a still is executed by only depressing an REC button 27 and a shutter button 42. After a shutter 30 is opened and closed, a system controller 41 for a still camera sends a command signal to a film take-up driving circuit 39, power is supplied to a motor 43 from a power source 46, and after taking-up of a film 31 is completed, the charging of a stroboscope 55 is executed by sending a command signal to a stroboscope control part 56. Accordingly, the taking-up of the film 31 and the charging of the stroboscope 55 are not executed simultaneously.

6: pre-emphasis, 9: clamping circuit, 23: tape driving circuit, 24: system controller for video camera, 40: exposure control part, 45: taking-up detecting circuit, 51: processing circuit for EVF, 54: lens moving mechanism, 57: AF sensor, 58: EE sensor

(54) STATE SIGNAL READER IN CAMERA
(11) 63-157136 (A) (43) 30.6.1988 (19) JP
(21) Appl. No. 61-303937 (22) 22.12.1986
(71) RICOH CO LTD (72) KEIJI HIMURO(1)
(51) Int. Cl⁴. G03B17/00,G03B7/00

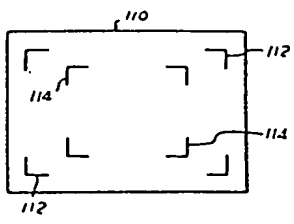


PURPOSE: To minimize a power consumed by a pull-up circuit, by executing the read operation of a data in the trailing state of a pull-up control signal.

CONSTITUTION: A pull-up control signal from the terminal CTL of a CPU 30 is trailed at the time point t_0, and from the time point t_4 after a stable time has elapsed, the CPU 30 executes a first read operation. In this case, state signals of CAS switches 19~22 are read, and after a period T_S, by executing a second read from the time point t_3 again, state signals of the remaining CAS switches 23, 24 are read. Subsequently, during the period T_S, these data are decoded, and a control data is sent out to a shutter unit 32, etc., from the CPU 30. In the same way, while reading each state signal from a scheduled input terminal at every period T_S, various processings are executed within the period T_S, thereafter, at the time point t_1, the pull-up signal is inverted to "H".

31: stroboscope unit, 33: AF unit

(54) VIDEO CAMERA EQUIPPED WITH STILL CAMERA
(11) 63-157137 (A) (43) 30.6.1988 (19) JP
(21) Appl. No. 61-303853 (22) 22.12.1986
(71) FUJI PHOTO FILM CO LTD(1) (72) TOSHIHARU IIDA(2)
(51) Int. Cl⁴. G03B17/20,G03B13/02,H04N5/225



PURPOSE: To execute the simultaneous photographing of a moving image and a still image without causing a trouble, by displaying visibly a display for showing the view angle of a field to be brought to an image pickup, on the inside of a visual field.

CONSTITUTION: A bright frame 112 for displaying the view angle of a still camera is displayed on the inside a little of an area 110 of the whole visual field, and a bright frame 114 for displaying the view angle of a video camera is displayed on the side inner than an area instructed by the frame 112. In such a way, the whole visual field is set wider than the still photographing view angle so that a state that a field rushes into an aimed view angle can be observed by the whole visual field of a view finder.